



DET NORSKE VERITAS

EC –CERTIFICATE OF CONFORMITY

1162-CPD-0252

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

Controlled door closing devices,

Type: Overhead door closer

Type: DC 335

Including DC 334

with arm 7190/7199

Placed on the market by

ABLOY OY

Wahlforssinkatu 20

PL 108

80101 JOENSUU

FINLAND

is submitted by the manufacturer to a factory production control *and to the further testing of samples taken at the factory in accordance with a prescribed test plan* and that the notified body – Det Norske Veritas Certification AB has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in the Annex ZA of the standard:

EN 1154 and EN 1154/A1:2002

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on **29th September 2006** and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly.

Classification	4	8	5/3	1	1	3
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Stockholm 29 September 2006

DET NORSKE VERITAS CERTIFICATION AB

Ernst Nilsson

Senior Technical Responsible



Notified Body

Nr 1162

The certificate is valid until:

28 September 2009

Bengt-Olov Andin

Head of section

Notice: Any significant changes in specification of the product, the production process or quality systems (Council Directive 89/106/EEG) or standards referenced above may render this certificate invalid. The product liability rests with the manufacturer or his representative in accordance with EN 1154

ANNEX 1 to EC – Certificate 1162-CPD-0252



Date: 2006-09-28	
Building hardware – Controlled door closing devices	
Manufacturer	Abloy Oy P.O.Box 108, 80101 JOENSUU, FINLAND
Actual EN standards	
Mechanical tests	EN 1154 and 1154/A1 2002
Fire resistance	EN 1634-1
Type of product	Overhead door closer
Type Designation Models	DC 335 including DC 334 With standard arm 7190/7199 and parallel arm bracket Closer equipet with Back Check(BC) function
FPC - Factory Production Control system	Abloy OY is certified according to EN ISO 9001:2000 by DNV Certification AB The FPC requirements are implemented in the management systems
Initial inspection of FPC	Performed in Joensuu 2003-03-26 and 2003-11-25 Auditor: Ernst Nilsson, DNV Certification AB
Test Laboratory Initial mechanical testings	ATL – Assa Testing Laboratory, Eskilstuna
Test reports	No ATL-00070
Date for testing	2006-04-25 – 2006-09-23
Actual drawings	A2-D808780-0, A2-D810548-0 Drawinglists: A2-D808780, dated 2006-08-07, A2-D810548; dated 2006-08-17
Istallation Instructions	DC 335+ 7190/7199/7191+ parallel arm installation
Fire resistance <i>EN 1634-1</i>	Fire resistance test, performed by VTT Technical Research Centre of Finland, Helsinki Statement No: VTT-S-2313-06, date for test 2006-02-17 and No: VTT-S-6468-06, date for test 2006-06-16 Specimen: Insulated steel door ; Fire class: EI 60 Specimen: Timber door ; Fire class: EI 30
Corrision test	Salt spray test performed byCorrosion & Metal and Research Institute Test report Kimab786032-358 dated 2004-06-03



ANNEX 1 to EC – Certificate 1162-CPD-0260

Application	Door closer type		Recommended max door leaf width in mm		Recommended max door weight in kg	
	DC 335 DC 334		1250 1100		100 80	
<p>Door closers for general applications Accepted for use on hinge doors</p> <ul style="list-style-type: none"> - For installation on hinge- or stop side - For right- or left handed doors - Working temperature, + 45C° to - 30C° - DC335-Power size 3-5, DC334-Power size 4 - Standard arm with adjustable arm length opening angle $\leq 180^\circ$, with parallel arm bracket opening angle $\leq 180^\circ$ - Approved for doors according to EN 13501-2: - Insulated steel door; Fire class: EI 60 - Timber door ; Fire class: EI 30 - 						
The actual products can be placed on the market with brandmarks and designations as given below.						
ABLOY		DC 335				
		Brand mark	Type	Projecting arm	Projecting arm	
		ABLOY	DC335	7190	7199	
		TrioVing	DL335	DL7190	DL7199	
		Ruko	DC335	7190	7199	
		ASSA UK	2330	7190	7199	
		JPM	FP2300-xx	ARS190	ARS199	
		MAB	2335	AC337		
		FAB	DC335	7190	7199	
		TESA	CT290025xx	BN3000	BN3003	
		LITTO	DC6500	DCA190	DCA199	
Classification	4	8	5/3	1	1	3
Validity period	2006-09-29 – 2009-09-28					

Issued by: *Ernst Nilsson*